Ballona Creek Ecosystem Restoration Feasibility Study

Public Meeting Study Progress
MaLisa Martin
July 18, 2006

Ballona Creek Study

- Corps Planning process
- Watershed Approach and Environmental Principles
- Ballona Study Update
- Budget
- Questions

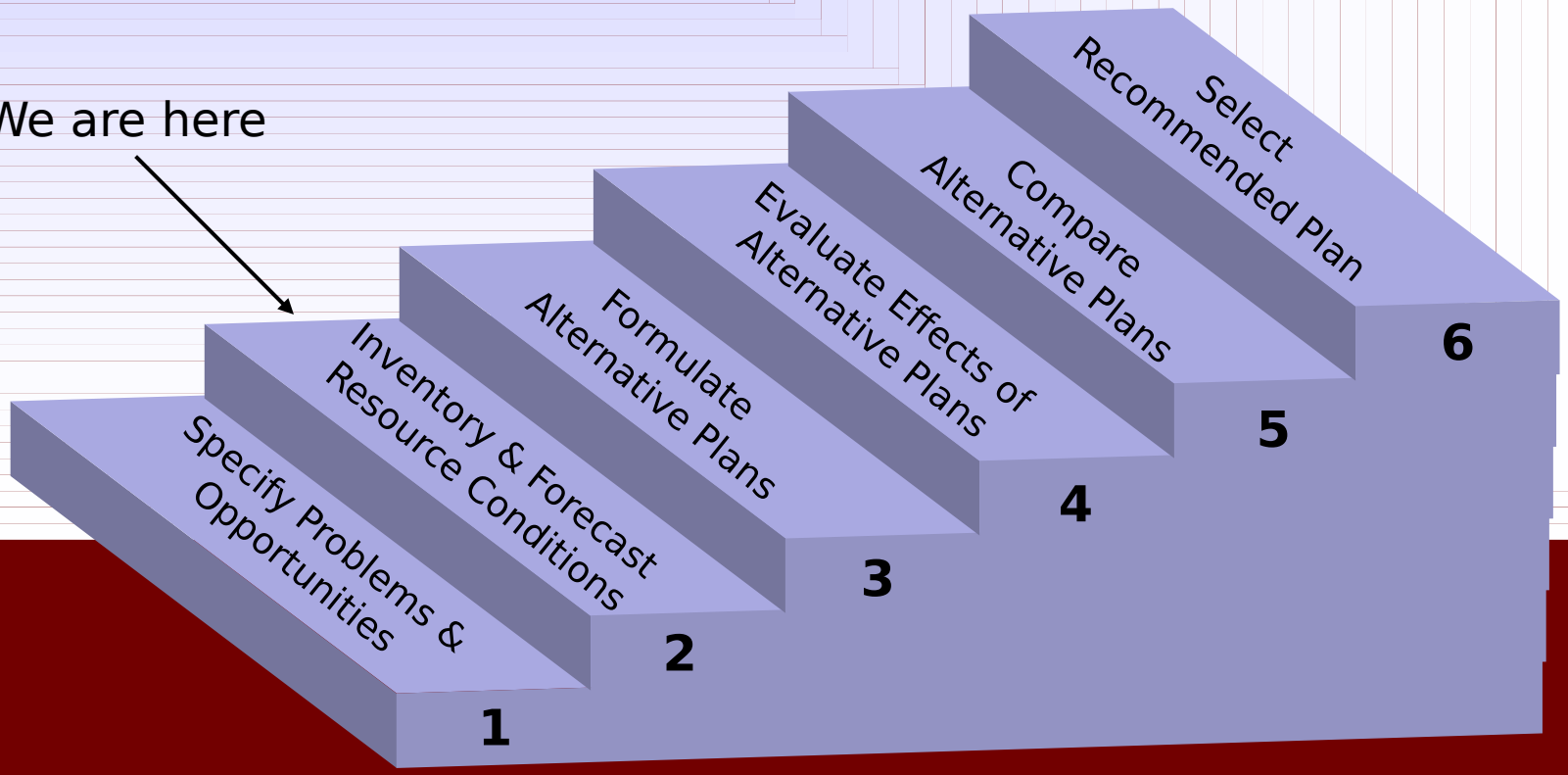
SIX STEP PLANNING PROCESS

- Step 1 Problem Perception
- Step 2 Request for Federal Action
- Step 3 Study Problem and Report Preparation
- Step 4 Report Review and Approval
- Step 5 Congressional Authorization
- Step 6 Project Implementation

U.S. Army Corps of Engineers

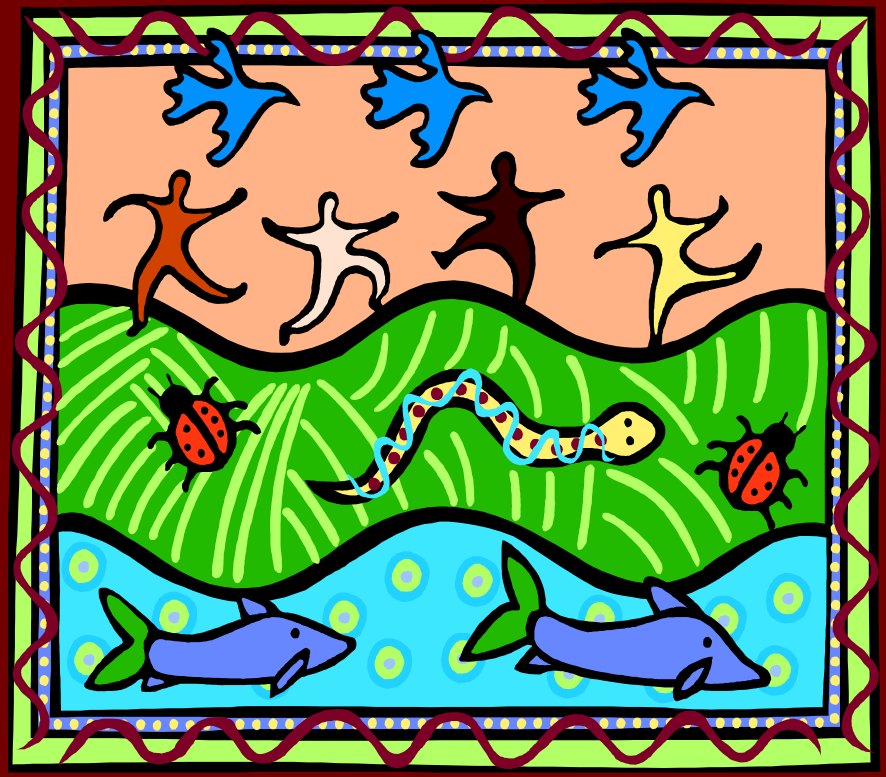
Overview of the Civil Works Process

Corps Six Step Feasibility Planning Process



Corps new approach: Watersheds

- **Adopt new roles**
  facilitator
  conveyor
  integrator
- **Take systems view**
- **Use systems tools**
- **Conduct watershed/basin scale of analysis**
- **Get early collaboration**
- **Address multiple objectives**
- **Apply adaptive management**
- **Focus on results**
- **Share data, lessons learned, technical assistance**



USACE Environmental Operating Principles

1. Strive to achieve Environmental Sustainability. An environment maintained in a healthy, diverse, and sustainable condition is necessary to support

Environmental Sustainability

A process whereby environmental and economic considerations are effectively balanced in project planning, design, construction, operation and maintenance through project life.

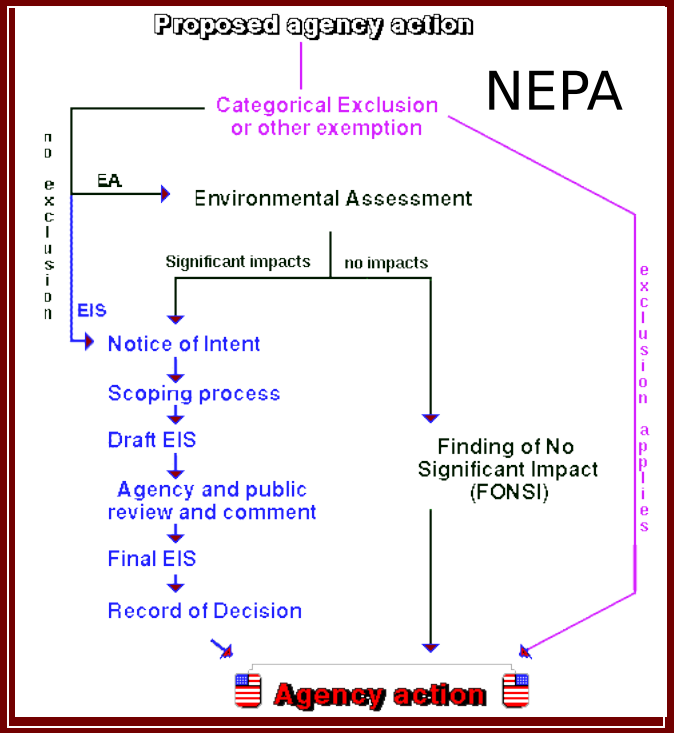
USACE Environmental Operating Principles

2. Recognize the interdependence of life and the physical environment. Proactively consider environmental consequences of Corps programs and act accordingly in all appropriate circumstances.

3. Seek balance and synergy among human development activities and natural systems by designing economic and environmental solutions that support and reinforce one anot

USACE Environmental Operating Principles

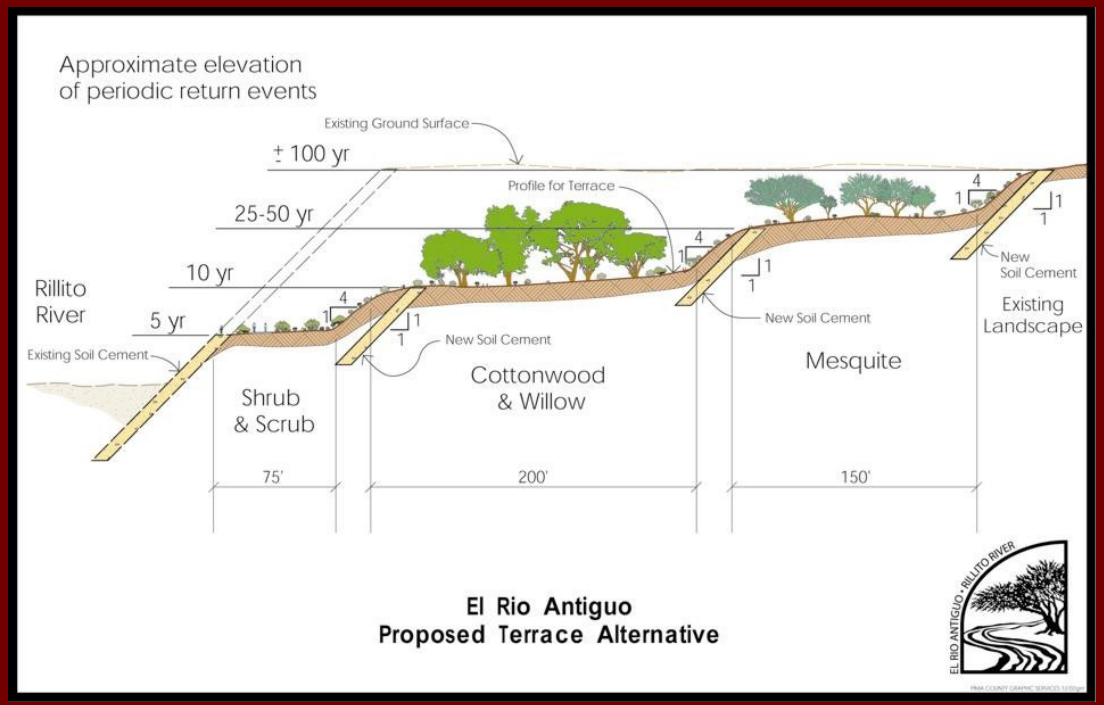
4. Continue to accept corporate responsibility and accountability under the law for activities and decisions under our control that impact human health and welfare and the continued viability of natural systems.



5. Seeks ways and means to assess and mitigate cumulative impacts to the environment; bring systems approaches to the full life cycle of our processes and work.

USACE Environmental Operating Principles

6. Build and share an integrated scientific, economic, and social knowledge base that supports a greater understanding of the environment and impacts of our work

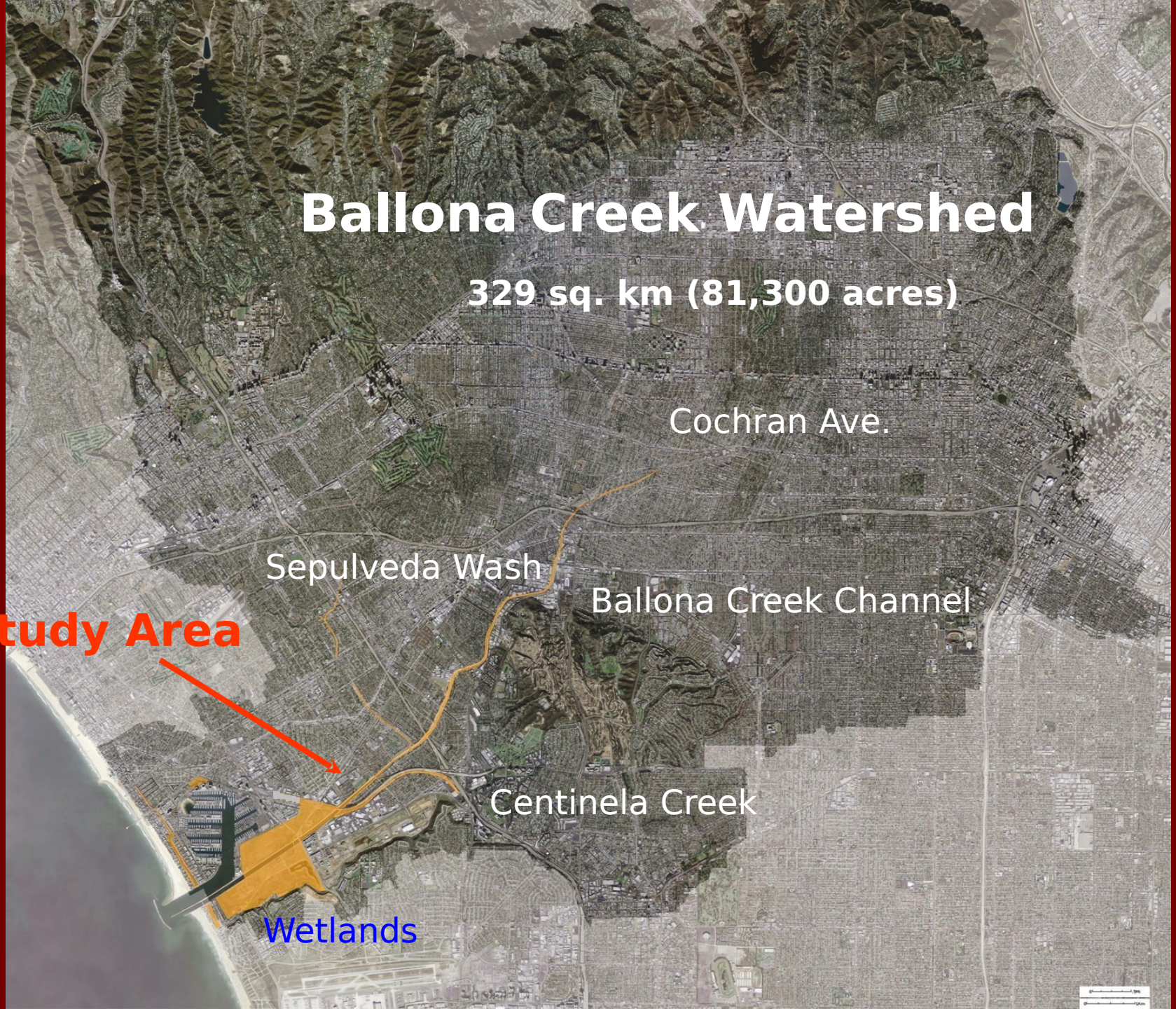


USACE Environmental Operating Principles

7. Respect the views of individuals and groups interested in Corps activities, listen to them actively, and learn from their perspective in the search to find innovative win-win solutions to the Nation's problems that also protect and enhance the environment.

Early Ballona Creek and Wetlands

Boating in Lagoons


Ballona Creek Watershed
329 sq. km (81,300 acres)
Cochran Ave.
Sepulveda Wash
Ballona Creek Channel
Study Area
Centinela Creek
Wetlands

“It takes a Village”
Santa Monica Mountains Conservancy
Senator’s Diane Feinstein
And Barbara Boxer
City of Los Angeles
County of Los Angele
Diane Watson
Baldwin Hills Conservancy
Jane Harman
Culver City
Santa Monica
Bay Restoration
Commission
Maxine Waters
Coastal
Conservancy

Ballona Creek Ecosystem Restoration Seeks to..

- Enhance endangered species habitat
- Create recreational and educational opportunities
- Public Outreach
- Create and improve wetland and riparian habitat quality
- Improve hydrologic/hydraulic processes and connectivity
- Enhance tidal prism

2006 Fiscal Year

- Negotiations with the Coastal Conservancy (and the Scientific Advisory Council), City and County of Los Angeles, SCCWRP about the choice of hydrodynamic model.
  - EFDC was chosen
  - Corps hosted EFDC training module
  - Dr. Wu has been in close coordination with Coastal Conservancy
    - chosen to serve on the SAC

Hydrology

- Toured watershed
  - Natural streams
- Flood Frequency analysis
- Draft HMS model
- Received in-kind work from City of Los Angeles in HSPF watershed model

Study Management

- Coordinated shared data sets and acquisition
- Web site
- Reviewed in-kind submissions, from City and Coastal Conservancy
- Meeting attendance

Budget

- FY 2006, we received $ 200,000
  - We stated our capability at $ 900,000
- FY 2007, we are not in the Presidents budget, nor the house.
- Senate budget for $450,000.
- This funding short fall has put us behind in schedule.

Next Fiscal Year Plans

- Draft Baseline Conditions Report ,
  - Fill in gaps of other reports, have Corps team approve that it meets our requirements
- Hydraulics, ground water, modeling stilll need to be finished
- Final Draft Baseline Conditions Report, with current projected budget of 200k/yr is January 2008.

MaLisa Martin
MaLisa.M.Martin@usace.army.mil
213.452.3828
Study Manager

Ballona Creek website
http://www.spl.usace.army.mil/cms/index.php

QUESTIONS?